

Beny 1 Gun DC EV Small Charging Station

60kW-120kW



Datasheet

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Product Overview

The Beny DC EV Charging Station boasts a remarkable 7-inch touch screen for effortless control. It comes with a range of certifications including CE, CB and RCM, and offers robust full protection features. With convenient app control and Ethernet/4G/WiFi connectivity, you can charge your EV with confidence and efficiency.



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Product Advantages

-  IP55 Rating
-  4G
-  Full Protection
-  OCPP 1.6J
-  7-inch Touch Screen
-  RFID
-  APP Control

Model Selection

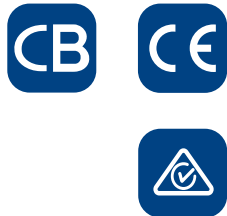
DC EV Charging Station	BMDC60-S	BMDC90-S
		
Structure Description		
Shell Material	Galvanized Sheet	
Dimension	700*520*1800(L*W*H mm)	
Packing Dimension	1050*820*2035(L*W*H mm)	
Weight	≤310kG	≤330kG
Installation Method	Floor-stand Type	
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring	
Total length of gun cable	5 m	
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/NACS)	
Connectivity Authorization	RFID, App	
Screen	7 Inch LCD Screen/LED Light	
Electrical Specification		
AC Input Voltage	AC380V-415V,3P+N+PE	
Rated Input Current	102A	152A
Input Frequency	50Hz/60Hz	
Consumption	≤24W	
Rated Power	60kW	90kW
Output Voltage Range	CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc	
Output Current	CCS1/CCS2/GBT/NACS:0~200A; CHADEMO:0~150A	CCS1/CCS2/GBT/NACS:0~250A; CHADEMO:0~150A
Efficiency	≥95%	
Power Factor	≥0.99(load:100%)	

Functionate Design		
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen	
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021	
Communication		
OCPP	OCPP 1.6J	
Network Interface	Ethernet/4G/WiFi	
RF Parameters		
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28	
LTE-TDD Operating Frequency	B38/B39/B40/B41	
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19	
MIFARE Operating Frequency	13.56MHz±7K	
2.4G WI-FI Operating Frequency	2412MHz-2484MHz	
2.4G WI-FI Maximum Transmit Power	20.5 dBm	
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB	
LTE-FDD Maximum Transmit Power	23 dBm±2 dB	
LTE-TDD Maximum Transmit Power	23 dBm±2 dB	
MIFARE Maximum Transmit Power	14.05dBuA/m	
Environment Condition		
Application Place	Indoor/Outdoor	
Working Altitude	<2000m	
Storage Temperature	-30°C~-+85°C	
Working Temperature	-30°C~-+50°C	
Working Humidity	5%~95%	
Protection Level	IP55 IK10(Screen IK08)	
Natural Cooling	Forced-air Cooling	
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection	

Model Selection

DC EV Charging Station		BMDC120-S	BMDC120-S-350
			
Structure Description			
Shell Material		Galvanized Sheet	
Dimension		700*520*1800(L*W*H mm)	
Packing Dimension		1050*820*2035(L*W*H mm)	
Weight		≤350kG	
Installation Method		Floor-stand Type	
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring	
Total length of gun cable		5 m	
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/NACS)	Single (CCS1/CCS2/GBT/NACS)	
Connectivity Authorization		RFID, App	
Screen		7 Inch LCD Screen/LED Light	
Electrical Specification			
AC Input Voltage		AC380V-415V,3P+N+PE	
Rated Input Current		203A	
Input Frequency		50Hz/60Hz	
Consumption		≤24W	
Rated Power		120kW	
Output Voltage Range	CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc CHADEMO: 150Vdc –500Vdc	CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc	
Output Current	CCS1/CCS2/GBT/NACS:0~250A; CHADEMO:0~150A	CCS1/CCS2/GBT/NACS:0~350A	
Efficiency		≥95%	
Power Factor		≥0.99(load:100%)	

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021
Communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m
Environment Condition	
Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30℃~+85℃
Working Temperature	-30℃~+50℃
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection



Beny 2 Guns DC EV Small Charging Station

60kW-120kW



Datasheet

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Product Overview

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Product Advantages

-  IP55 Rating
-  Ethernet/4G/WiFi
-  Full Protection
-  OCPP 1.6J
-  7-inch Touch Screen
-  RFID
-  APP Control

Model Selection

DC EV Charging Station		BMDC60-D	BMDC90-D	BMDC120-D
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		700*520*1800(L*W*H mm)		
Packing Dimension		1050*820*2035(L*W*H mm)		
Weight		≤320kG	≤340kG	≤360kG
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets	Double(CCS1+CCS1)	Double (CCS2+CHADEMO)	Double (CCS1+NACS)	
	Double (CCS1+CHADEMO)	Double(CHADEMO+GBT)	Double(CCS2+NACS)	
	Double(CCS2+GBT)	Double(CCS1+CCS2)	Double(GBT+NACS)	
	Double(CHADEMO+CHADEMO)	Double(CCS1+GBT)	Double(CHADEMO+NACS)	
	Double(CCS2+CCS2)	Double(GBT+GBT)	Double(NACS+NACS)	
Connectivity Authorization		RFID, App		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V-415V,3P+N+PE		
Rated Input Current		102A	152A	
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power		60kW	90kW	120kW
Output Voltage Range		CCS1/CCS2/GBT: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		
Output Current		CCS1/CCS2:0~200A; GBT/NACS:0~200A; CHADEMO:0~150A	CCS1/CCS2:0~250A; GBT/NACS:0~250A; CHADEMO:0~150A	CCS1/CCS2:0~250A; GBT/NACS:0~250A; CHADEMO:0~150A
Efficiency		≥95%		
Power Factor		≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021
Communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m
Environment Condition	
Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~~+85°C
Working Temperature	-30°C~~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection

Model Selection

DC EV Charging Station		BMDC120-D-350		
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		700*520*1800(L*W*H mm)		
Packing Dimension		1050*820*2035(L*W*H mm)		
Weight		≤360kG		
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets	Double(CCS1+CCS1) Double(CCS2+GBT) Double(CCS2+CCS2)	Double(CCS1+CCS2) Double(CCS1+GBT) Double(GBT+GBT)	Double (CCS1+NACS) Double(CCS2+NACS) Double(GBT+NACS) Double(NACS+NACS)	
Connectivity Authorization		RFID, App		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V-415V,3P+N+PE		
Rated Input Current		203A		
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power		120kW		
Output Voltage Range		CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc		
Output Current		CCS1/CCS2/GBT/NACS:0~350A		
Efficiency		≥95%		
Power Factor		≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
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